

BACKLIGHT FOR FLANAR DISPLAY DEVICE

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Abstract of JP2002090736

PROBLEM TO BE SOLVED: To impart sufficient strength to the frame structure of a direct backlight used for a large-sized liquid crystal display device or the like without increasing a manufacturing cost practically even in the case of a large-sized narrow frame, and to prevent the breakage of a tubular light source (fluorescent lamp) 3 due to excessive deflection caused by a external mechanical impact to a backlight 10.

SOLUTION: A metal base frame 1 constituting a rectangular exit opening 15 is provided with a flange-like overhang 11 overhung from an inner edge along the exit opening 15 to a rear side. A deformation regulating member 6 with a reverse U shape consisting of transparent rubber is disposed at a nearly central part in the longitudinal direction of each tubular light source 3.

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